

**LOUISIANA  
DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT  
SPECIFICATIONS**

**BADGER JAW CRUSHER WITH BASE**

**DESCRIPTION:**

This specification covers requirements for a Badger Jaw Crusher used for the breakdown of soils for materials testing.

**REQUIREMENTS:**

Crusher shall utilize flat faced pulleys and v-belts to allow the crusher to compensate for an overload and/or shock load to prevent undue strain of metal-to-metal contact of the key, flywheel, and electric shaft. Crusher shall utilize spring-loaded rods to adjust control tension of the toggle and have an adjustable jaw gap (discharge opening).

Overall size must not exceed 32in W x 24in D x 20in H  $\pm$  1in.

**Must be/have the following:**

- 1,300 lb./hr. maximum feed capacity
- 4in x 6in maximum feed size
- 5in x 7in chrome steel alloy Jaws
- Vertical and horizontal jaw action

**ELECTRICAL:**

Crusher shall operate on standard power utilities of 220 V, 50-60 Hz, 14.7A, with a 5 hp, 3-phase continuous-duty motor.

**Must come complete with the following:**

- Feed hopper
- Belt guards
- Flywheel
- Electrical motor starting switch
- One (1) copy of the operator's manual and parts list
- **Dust collector base with receiving pan**

Must be/have the following:

- Dimensions: 9in W x 14.45in D x 6in H
- Made of welded steel
- A receiving pan to capture debris
- Capable of holding the crusher

**WARRANTY:**

Must include a standard manufacturer's warranty.

**APPROVED BRAND/MODEL:**

Gilson Model LC-37 with LCA-57 Accessory or equal.